



Form PTO 1449	US Department of Commerce Patent and Trademark Office	ATTY CLIENT- MATTER NO: 67545-019	SERIAL NO. 10/611,658
		APPLICANT: Richard A. Thomas	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE: June 30, 2003	GROUP: Not Yet Known

U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AS1	4,765,737	08/23/88	Harris et al.	356	336	
	6,025,128	02/15/00	Veltri et al.	435	6	

FOREIGN PATENT DOCUMENTS

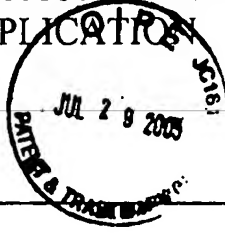
EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
AS1	WO 90/02337	03/08/90	PCT			
	WO 97/12247	04/03/97	PCT			
	WO 97/43732	11/20/97	PCT			

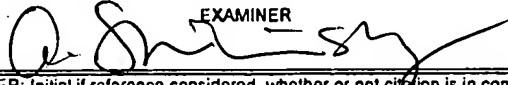
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

AS	AS	Nickerson, "Nuclear Dreams: The Malignant Alteration of Nuclear Architecture," <u>Journal of Cellular Biochemistry</u> 70:172-180 (1998).

EXAMINER <i>A. J. L. 83</i>	DATE CONSIDERED <i>8/30/2006</i>
-----------------------------	----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 067545-0019		SERIAL NO. 10/611,658	
				APPLICANT Thomas, Richard A.			
				FILING DATE June 30, 2003		GROUP 1645	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code(s) (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
US 1	1.	US 2,656,508	10/20/1953	Coulter			
	2.	US 4,298,836	11/3/1981	Groves et al.			
	3.	US 4,818,103	4/4/1989	Thomas et al.			
	4.	US 6,228,652	5/8/2001	Rodriguez et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
US 1	5.	AALTOMAA et al., "The significance of nuclear morphometric variables as prognostic predictors in breast cancer," <u>Anticancer Res.</u> 11:1663-1670 (1991).					
	6.	ALLISON et al., "Computerized measurement of the DNA content, areas, and autoradiographic grains of the same nuclei: Demonstration that lightly (³ H) Thymidine-labeled bone marrow cells are predominantly in G0/G1 and G2," <u>J. Histochem. Cytochem.</u> 32:1197-1203 (1984).					
	7.	BAUER et al., "Consensus review of the clinical utility of DNA flow cytometry in colorectal cancer," <u>Cytometry</u> 14:486-491 (1993).					
	8.	BJELKENKRANTZ, "An evaluation of Feulgen-Acriflavine-SO ₂ and Hoechst 33258 for DNA cytofluorometry in tumour pathology," <u>Histochem.</u> 79(2):177-191 (1983).					
	9.	COHN et al., "Nuclear and nucleolar protein during the cell cycle in differentiating <i>Pisum sativum</i> vascular tissue," <u>Histochem.</u> 79(3):353-364 (1983).					
	10.	COLLAS et al., "Lipophilic organizing structures of sperm nuclei target membrane vesicle binding and are incorporated into the nuclear envelope," <u>Dev. Biol.</u> 169(1):123-135 (1995).					
	11.	DARZYNKIEWICZ et al., "Accessibility of DNA <i>In Situ</i> to various fluorochromes: Relationship to Chromatin changes during erythroid differentiation of friend Leukemia					


	EXAMINER DATE CONSIDERED 8/30/2006
---	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

References were cited in parent application 09/481,210

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		ATTY. DOCKET NO. 067545-0019	SERIAL NO. 10/611,658
		APPLICANT Thomas, Richard A.	
		FILING DATE June 30, 2003	GROUP 1645
02-1		cells," <u>Cytometry</u> 5:355-363 (1984).	
	12	DEBLOIS and WESLEY, "Sizes and concentrations of several type C oncornaviruses and bacteriophage T2 by the resistive-pulse technique," <u>J. Virol.</u> 23:227-233 (1977).	
	13	GROVER et al., "Electrical sizing of particles in Suspensions I Theory," <u>Biophysical J.</u> 9:1398-1414 (1969).	
	14	Gundersen and Jensen, "The efficiency of systematic sampling in stereology and its predictions," <u>J. Microscopy.</u> 147:229-263 (1987).	
	15	HEDLEY et al., "Consensus review of the clinical utility of DNA cytometry in carcinoma of the breast," <u>Cytometry</u> 14:482-485 (1993).	
	16	HUBERT and BOURGEOIS, "The nuclear skeleton and the spatial arrangement of chromosomes in the interphase nucleus of vertebrate somatic cells," <u>Hum. Genet.</u> 74:1-15 (1986).	
	17	HUGHES and COHEN, "Nuclear matrix proteins and their potential applications to diagnostic pathology," <u>Am. J. Clin. Pathol.</u> 111:267-274 (1999).	
	18	IRINOPOULOU et al., "Application of confocal scanning laser microscopy to 3-D DNA image cytometry of prostatic lesions," <u>Analytical and Quantitative Cytology and Histology</u> 20:351-357 (1998).	
	19	IRINOPOULOU et al., "3-D DNA image cytometry by confocal scanning laser microscopy in thick tissue blocks of prostatic lesions," <u>Cytometry</u> 127(2):99-105 (1997).	
	20	JOHNSON et al., "Nuclear size of G1/S transition cells measured by flow cytometry," <u>Exp. Cell Res.</u> 134:201-205 (1981).	
	21	KAPUSCINSKI, "DAPI: a DNA-specific fluorescent probe," <u>Biotechnic. & Histochem.</u> 70(5):220-233 (1995).	
	22	KRISHAN, "Rapid flow cytofluorometric analysis of mammalian cell cycle by propidium iodide staining," <u>J. Cell Biol.</u> 66:188-193 (1975).	
	23	LEARY et al., "Laser flow cytometric light scatter and fluorescence pulse width and pulse rise-time sizing of mammalian cells," <u>J. Histochem. Cytochem.</u> 27:315-320 (1979).	
	24	LINDBERG, "Nuclear DNA ploidy in mammary carcinomas; using nuclear size as co-parameter reveals more complex patterns," <u>Anal. Cellular Pathol.</u> 4:389-394 (1992).	
	25	MATSUOKA et al., "Identification and Characterization of Nuclear Pore Subcomplexes in Mitotic Extract of Human Somatic Cells," <u>Biochem. Biophys. Res. Commun.</u> 254(2):417-423 (1999).	
	26	MILLER et al., "Immunologic and biochemical analysis of TNT-1 and TNT-2 monoclonal antibody binding to histones," <u>Hybridoma</u> 12(6):689-698 (1993).	
	27	MULLANEY et al., "Pulse-height light-scatter distributions using flow-systems instrumentation," <u>J. Histochem. Cytochem.</u> 24:289-304 (1976).	

EXAMINER 	DATE CONSIDERED 8/30/2006
---	-------------------------------------


*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.


References were cited in parent application 09/481,210

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		ATTY. DOCKET NO. 067545-0019	SERIAL NO. 10/611,658
		APPLICANT Thomas, Richard A.	
		FILING DATE June 30, 2003	GROUP 1645
28	ORMEROD, Flow Cytometry, 2d Ed., BIOS Scientific Publishers Limited, 1999.		
29	PIWNICKA et al., "RNA and DNA content of isolated cell nuclei measured by multiparameter flow cytometry," <u>Cytometry</u> 3(4):269-275 (1983).		
30	ROTI et al., "Cell-cycle position and nuclear protein content," <u>Cytometry</u> 3(2):91-96 (1982).		
31	SCHABRONATH et al., "Cytofluorometric determination of protein-bound thiols and DNA in cell nuclei," <u>Cytometry</u> 11(3):333-340 (1990).		
32	SCHIECK et al., "Dry mass, DNA and non-histone protein determinations in lung cancer cells," <u>Histochemical J.</u> 19:504-508 (1987).		
33	SCHUETTE et al., "Design of flow chamber with electronic cell volume capability and light detection optics for multilaser flow cytometry," <u>Cytometry</u> 5:652-656 (1984).		
34	SCHULTE et al., "Simultaneous quantification of DNA and RNA in tissue sections. A comparative analysis of the methyl green-pyronin technique with the gallocyanin chromalum and Feulgen procedures using image cytometry," <u>Histochem. J.</u> 24(6):305-310 (1992).		
35	SHANKEY et al., "Guidelines for implementation of clinical DNA cytometry," <u>Cytometry</u> 14:472-477 (1993).		
36	SHARPLESS et al., "Flow cytofluorimetry: Discrimination between single cells and cell aggregates by direct size measurements," <u>Acta. Cytol.</u> 19:577-581 (1975).		
37	STAIANO-COICO et al., "RNA and DNA content of isolated nuclei from bladder irrigation specimens as measured by flow cytometry," <u>Analytical and Quantitative Cytology</u> 6:24-29 (1984).		
38	STAL and HATSCHEK, "A rapid system for static cytofluorometry enabling the simultaneous determination of nuclear size and DNA content," <u>Path. Res. Pract.</u> 183:329-335 (1988).		
39	STEINKAMP et al., "Improved multilaser/multiparameter flow cytometer for analysis and sorting of cells and particles," <u>Rev. Sci. Instrum.</u> 62(11):2751-2764 (1991).		
40	TANKE et al., "Acriflavine-Feulgen stilbene staining: a procedure for automated cervical cytology with a television based system (LEYTAS)," <u>J. Histochem. Cytochem.</u> 27:84-86 (1979).		
41	TEODORI et al., "Cellular heterogeneity of DNA/total-protein content in human lung tumors, as determined by flow cytometry," <u>Int. J. Cancer</u> 50:845-853 (1992).		
42	TEODORI et al., "DNA/Protein Flow Cytometry as a predictive marker of malignancy in dysplasia-free barrett's esophagus: thirteen-year follow-up study on cohort of patients," <u>Cytometry</u> 34:257-263 (1998).		
43	THOMAS et al., "Computer-based electronic cell volume analysis with the AMAC II transducer," <u>J. Histochem. Cytochem.</u> 22(7):626-641 (1974).		
44	TSUTSUI et al., "Silver staining for selective detection of histones in polyacrylamide		

EXAMINER a. 	DATE CONSIDERED 8/30/2006
--	------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 References were cited in parent application 09/481,210

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		ATTY. DOCKET NO. 067545-0019	SERIAL NO. 10/611,658
		APPLICANT Thomas, Richard A.	
		FILING DATE June 30, 2003	GROUP 1645
68		gels," <u>Anal. Biochem.</u> 146(1):111-117 (1985).	
	45	WHEELLESS et al., "Consensus review of the clinical utility of DNA cytometry in bladder cancer," <u>Cytometry</u> 14:478-481 (1993).	
	46	YEN and PARDEE, "Role of nuclear size in cell growth initiation," <u>Science</u> 22(204):1315-1317 (1979).	

EXAMINER 	DATE CONSIDERED 8/30/2006
---	-------------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 References were cited in parent application 09/481,210